R59

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V

Uber Request Dashboard

Status vs Request id

Cancelled vs No car availability

3,945,069
9,501,514

- Cancelled
- No Cars Available

- Total

Pickup point

- Airport
- City

Count of Pickup points

651,439
3,297,630
5,061,348
6,219,812
4,317,499
3,281,702

- Cancelled Airport
- Cancelled City
- No Cars Available Airport
- No Cars Available City
- Trip Completed Airport
- Trip Completed City

- Total

Airport   City

Airport   City   Airport   City

Cancelled   Trip Completed

- Total

Pivot Table   Uber Request Data   **Dashboard**

Sql Result :


```
use uber_data
select * from [dbo].['Uber Request Data$']
--- Inspect Raw Data
SELECT TOP 10 * FROM [dbo].['Uber Request Data$']

--- Clean the Data

-- 1. Handle Null or Missing Values

SELECT COUNT(*) FROM [dbo].['Uber Request Data$'] WHERE [Request id] IS NULL OR [Status] IS NULL;
DELETE FROM [dbo].['Uber Request Data$'] WHERE [Request id] IS NULL OR [Status] IS NULL;

-- 2. Convert Datatypes(if needed)
ALTER TABLE [dbo].['Uber Request Data$']
ALTER COLUMN [Request timestamp] DATETIME;
```

Results   Messages

	Request id	Pickup point	Driver id	Status	Request timestamp	Drop timestamp
1	619	Airport	1	Trip Completed	11/7/2016 11:51	11/7/2016 13:00
2	867	Airport	1	Trip Completed	11/7/2016 17:57	11/7/2016 18:47
3	1807	City	1	Trip Completed	12/7/2016 9:17	12/7/2016 9:58
4	2532	Airport	1	Trip Completed	12/7/2016 21:08	12/7/2016 22:03
5	3112	City	1	Trip Completed	13-07-2016 08:33:16	13-07-2016 09:25:47
6	3879	Airport	1	Trip Completed	13-07-2016 21:57:28	13-07-2016 22:28:59
7	4270	Airport	1	Trip Completed	14-07-2016 06:15:32	14-07-2016 07:13:15
8	5510	Airport	1	Trip Completed	15-07-2016 05:11:52	15-07-2016 06:07:52
9	6248	City	1	Trip Completed	15-07-2016 17:57:27	15-07-2016 18:50:51
10	267	City	2	Trip Completed	11/7/2016 6:46	11/7/2016 7:25
11	1467	Airport	2	Trip Completed	12/7/2016 5:08	12/7/2016 6:02
12	1983	City	2	Trip Completed	12/7/2016 12:30	12/7/2016 12:57
13	2784	Airport	2	Trip Completed	13-07-2016 04:49:20	13-07-2016 05:23:03
14	3075	City	2	Trip Completed	13-07-2016 08:02:53	13-07-2016 09:16:19
15	3379	City	2	Trip Completed	13-07-2016 14:23:02	13-07-2016 15:35:18
16	3482	Airport	2	Trip Completed	13-07-2016 17:23:18	13-07-2016 18:20:51

Screenshot 1 — SQL code:

```sql
use uber_data
select * from [dbo].['Uber Request Data$']
--- Inspect Raw Data
SELECT TOP 10 * FROM [dbo].['Uber Request Data$']

--- Clean the Data

-- 1. Handle Null or Missing Values

SELECT COUNT(*) FROM [dbo].['Uber Request Data$'] WHERE [Request id] IS NULL OR [Status] IS NULL;
DELETE FROM [dbo].['Uber Request Data$'] WHERE [Request id] IS NULL OR [Status] IS NULL;

-- 2. Convert Datatypes(if needed)
ALTER TABLE [dbo].['Uber Request Data$']
ALTER COLUMN [Request timestamp] DATETIME;
```

Results:

	Request id	Pickup point	Driver id	Status	Request timestamp	Drop timestamp
1	619	Airport	1	Trip Completed	11/7/2016 11:51	11/7/2016 13:00
2	867	Airport	1	Trip Completed	11/7/2016 17:57	11/7/2016 18:47
3	1807	City	1	Trip Completed	12/7/2016 9:17	12/7/2016 9:58
4	2532	Airport	1	Trip Completed	12/7/2016 21:08	12/7/2016 22:03
5	3112	City	1	Trip Completed	13-07-2016 08:33:16	13-07-2016 09:25:47
6	3879	Airport	1	Trip Completed	13-07-2016 21:57:28	13-07-2016 22:28:59
7	4270	Airport	1	Trip Completed	14-07-2016 06:15:32	14-07-2016 07:13:15
8	5510	Airport	1	Trip Completed	15-07-2016 05:11:52	15-07-2016 06:07:52
9	6248	City	1	Trip Completed	15-07-2016 17:57:27	15-07-2016 18:50:51
10	267	City	2	Trip Completed	11/7/2016 6:46	11/7/2016 7:25

Screenshot 2 — SQL code:

```sql
use uber_data
select * from [dbo].['Uber Request Data$']
--- Inspect Raw Data
SELECT TOP 10 * FROM [dbo].['Uber Request Data$']

--- Clean the Data

-- 1. Handle Null or Missing Values

SELECT COUNT(*) FROM [dbo].['Uber Request Data$'] WHERE [Request id] IS NULL OR [Status] IS NULL;
DELETE FROM [dbo].['Uber Request Data$'] WHERE [Request id] IS NULL OR [Status] IS NULL;

-- 2. Convert Datatypes(if needed)
ALTER TABLE [dbo].['Uber Request Data$']
ALTER COLUMN [Request timestamp] DATETIME;
```

Results:

	(No column name)
1	0

uber_data sql file.s...8E\sejal rajore (55))*   ⌐ ×

```sql
-- 1. Handle Null or Missing Values

SELECT COUNT(*) FROM [dbo].['Uber Request Data$'] WHERE [Request id] IS NULL OR [Status] IS NULL;
DELETE FROM [dbo].['Uber Request Data$'] WHERE [Request id] IS NULL OR [Status] IS NULL;

-- 2. Convert Datatypes(if needed)
ALTER TABLE [dbo].['Uber Request Data$']
ALTER COLUMN [Request timestamp] DATETIME;

--- total trips
SELECT COUNT(*) AS Total_Trips FROM [dbo].['Uber Request Data$'] ;

--- Trips per Day
SELECT CAST([Request timestamp] AS DATE) AS TripDate, COUNT(*) AS Total
```

121 %   ▾

Results | Messages

	Total_Trips
1	6745

uber_data sql file.s...8E\sejal rajore (55))*   ⌐ ×

```sql
FROM [dbo].['Uber Request Data$']
GROUP BY CAST([Request timestamp] AS DATE)
ORDER BY TripDate;

--- Top Pickup Location
SELECT [Request id], [Status], COUNT(*) AS Trips
FROM [dbo].['Uber Request Data$']
GROUP BY [Request id], [Status]
ORDER BY Trips DESC
OFFSET 0 ROWS FETCH NEXT 10 ROWS ONLY;

SELECT [Request id], [Pickup point], COUNT(*) AS Trips
FROM [dbo].['Uber Request Data$']
GROUP BY [Request id], [Pickup point]
ORDER BY Trips DESC
```

121 %   ▾

Results | Messages

	Request id	Status	Trips
1	105	Cancelled	1
2	99	Cancelled	1
3	98	Cancelled	1
4	96	Cancelled	1
5	92	Cancelled	1
6	86	Cancelled	1
7	85	Cancelled	1
8	80	Cancelled	1
9	77	Cancelled	1
10	76	Cancelled	1

uber_data sql file.s...8E\sejal rajore (55))* ⇥ ✕

```sql
FROM [dbo].['Uber Request Data$']
GROUP BY [Request id], [Status]
ORDER BY Trips DESC
OFFSET 0 ROWS FETCH NEXT 10 ROWS ONLY;

SELECT [Request id], [Pickup point], COUNT(*) AS Trips
FROM [dbo].['Uber Request Data$']
GROUP BY [Request id], [Pickup point]
ORDER BY Trips DESC
OFFSET 0 ROWS FETCH NEXT 10 ROWS ONLY;
```
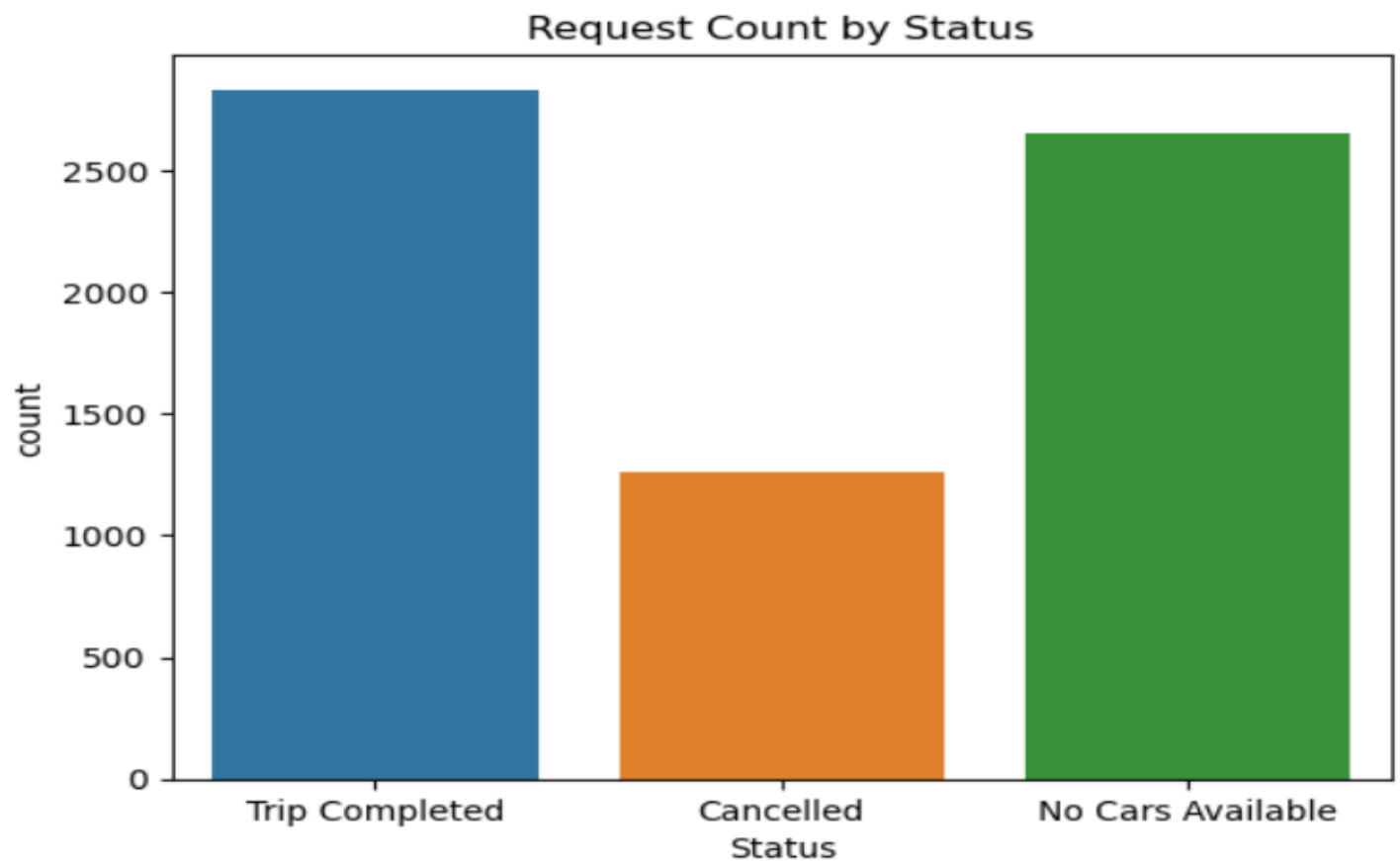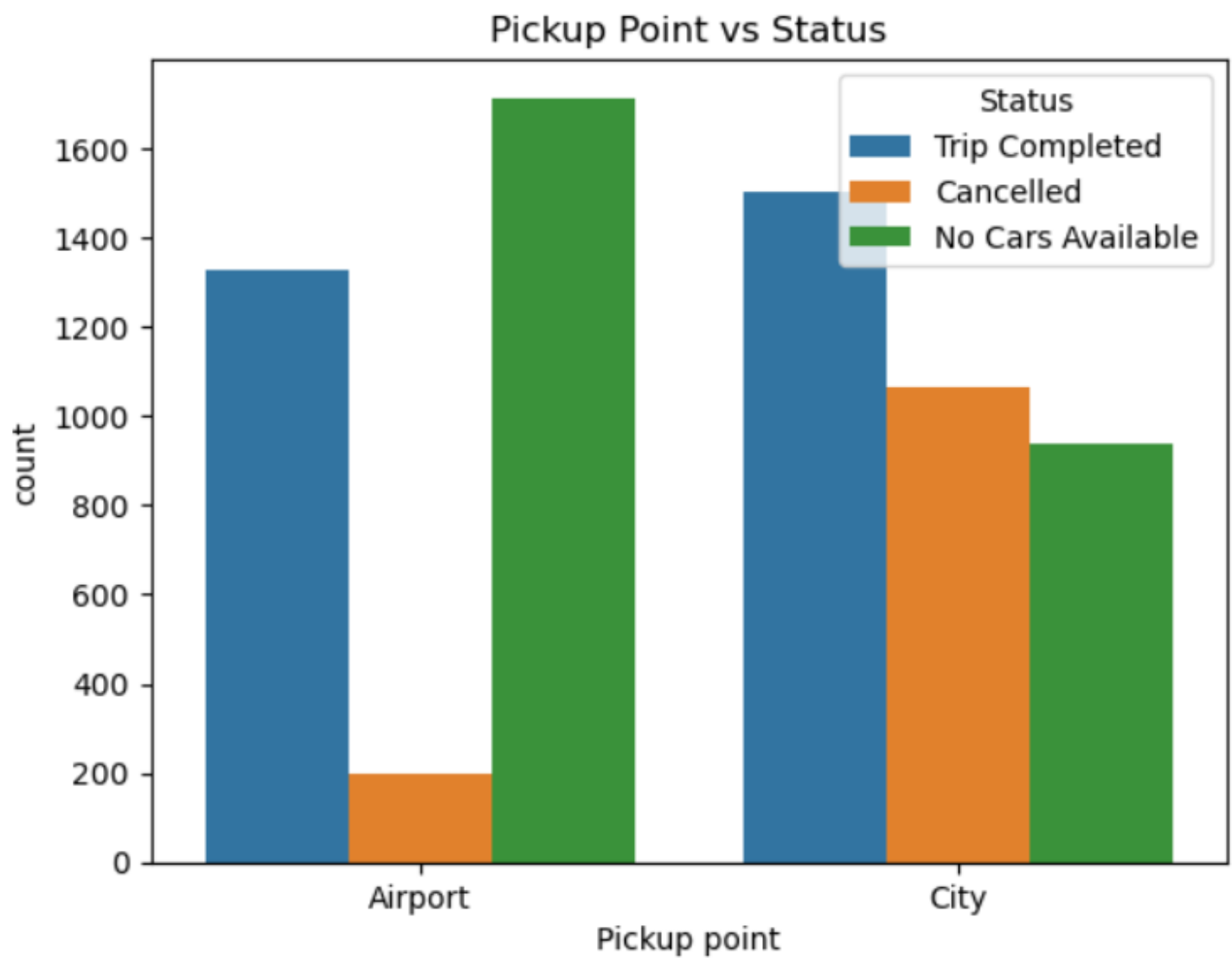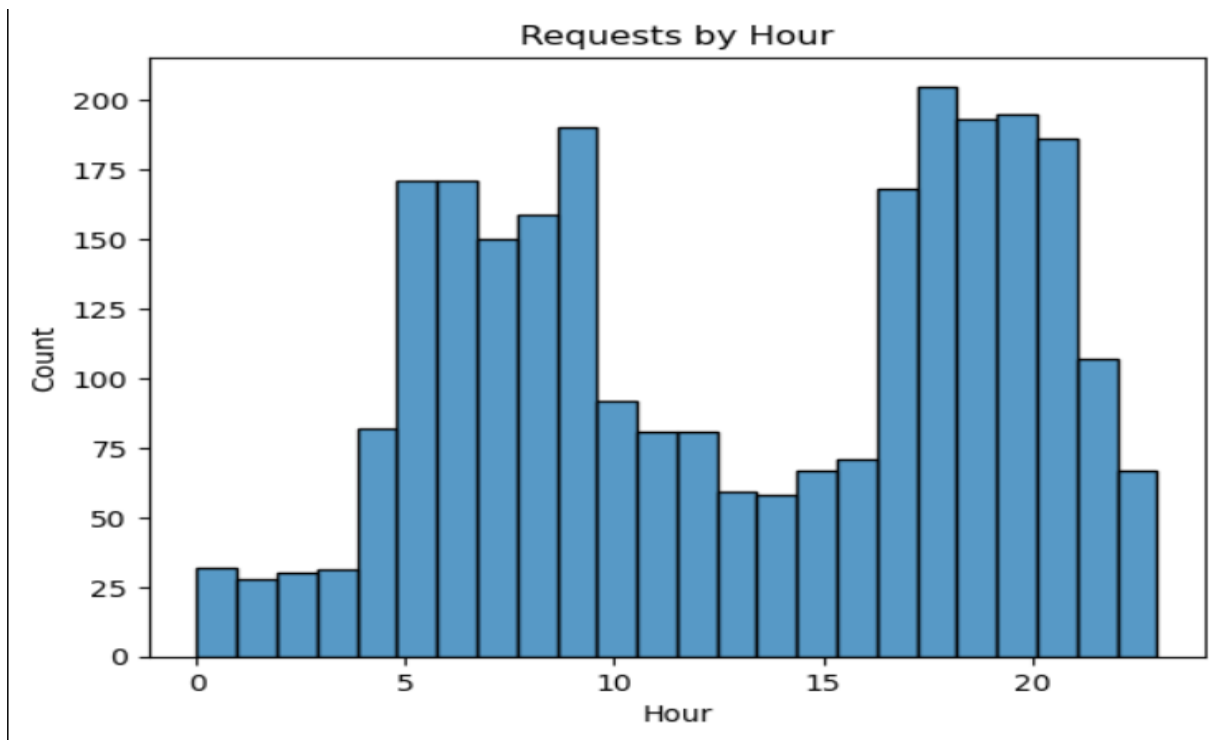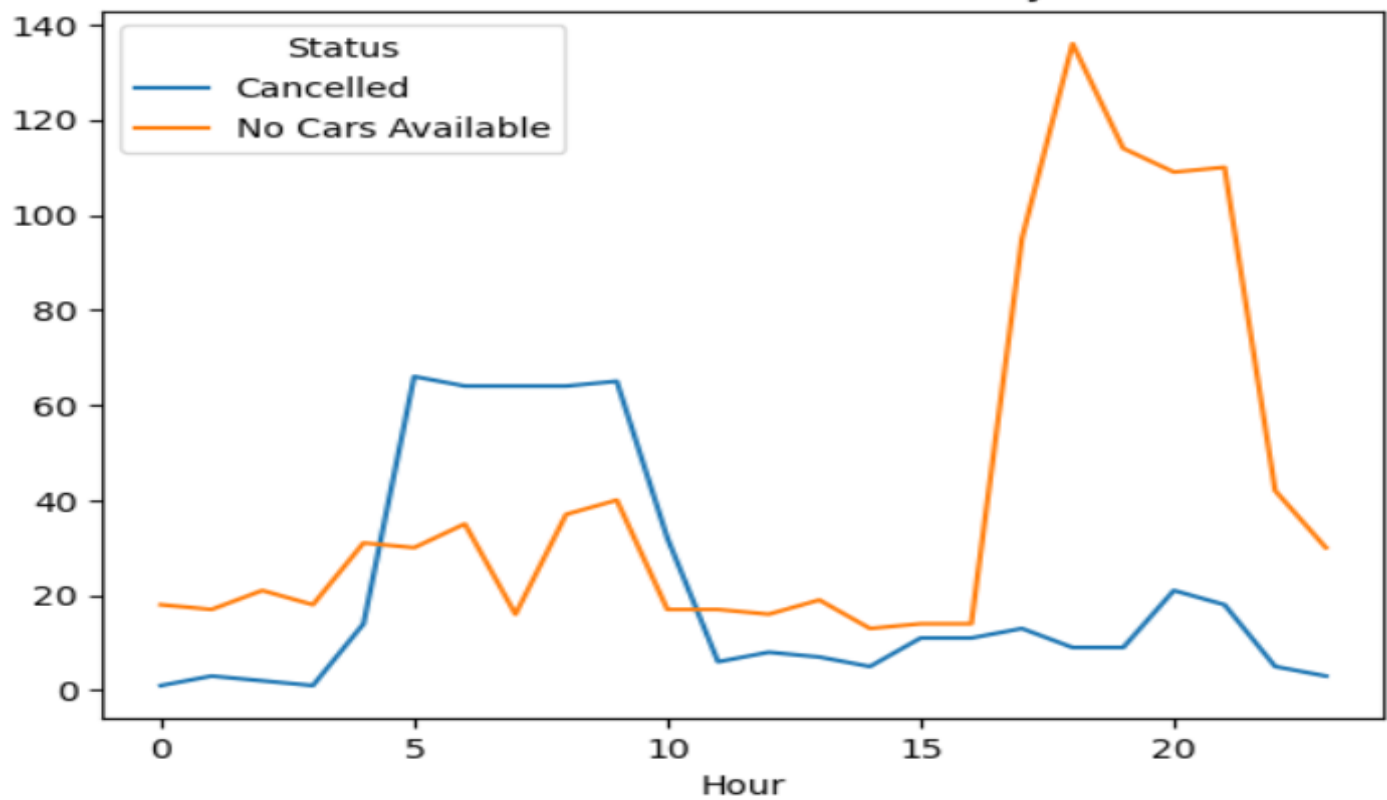
121 % ▾ ◄

⊞ Results ▤ Messages

	Request id	Pickup point	Trips
1	21	Airport	1
2	20	Airport	1
3	17	Airport	1
4	16	Airport	1
5	14	Airport	1
6	9	Airport	1
7	7	Airport	1
8	5	Airport	1
9	3	Airport	1
10	2	Airport	1

EDA Result :

Request Count by Status

Requests by Hour
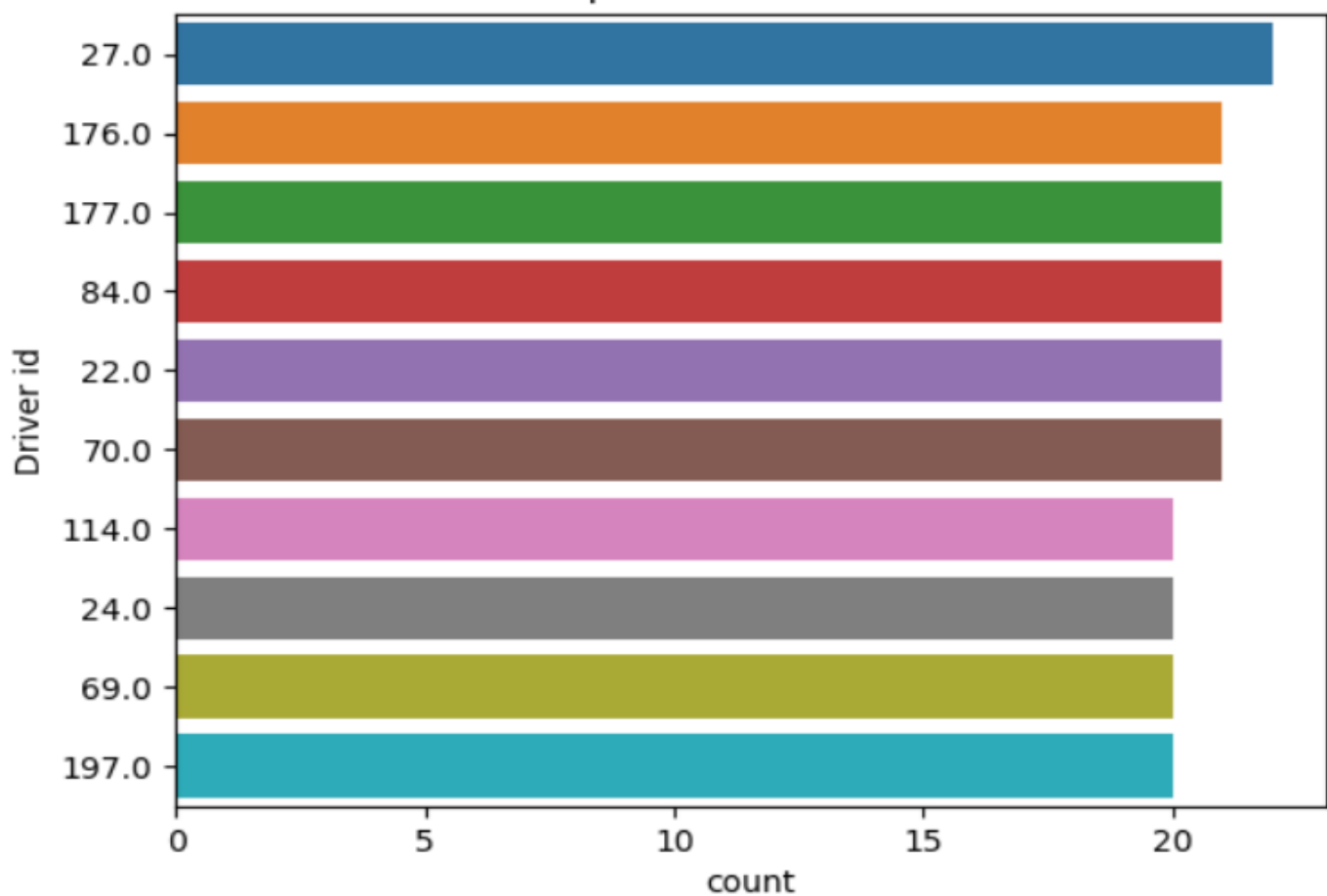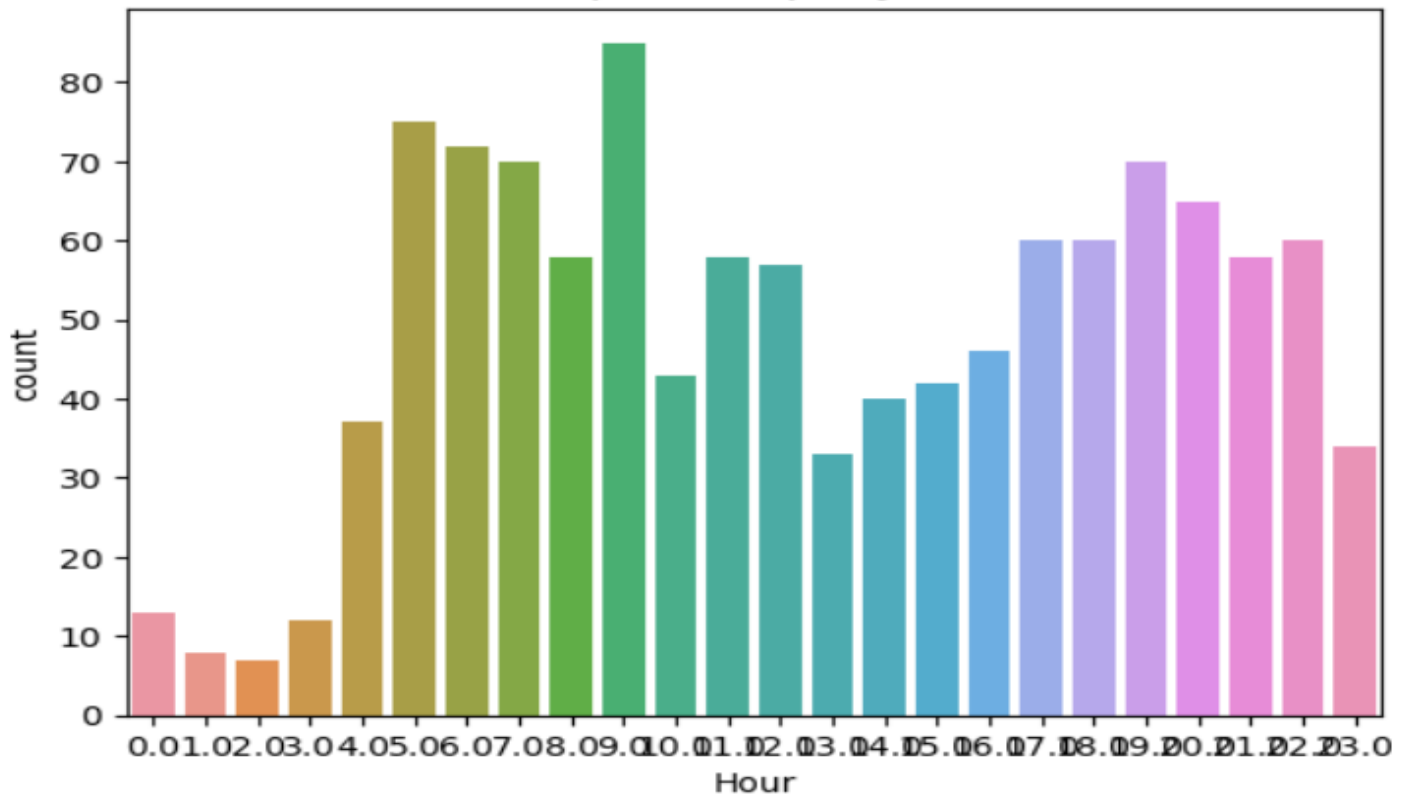

Pickup Point vs Status

Cancelled vs No Cars Available by Hour
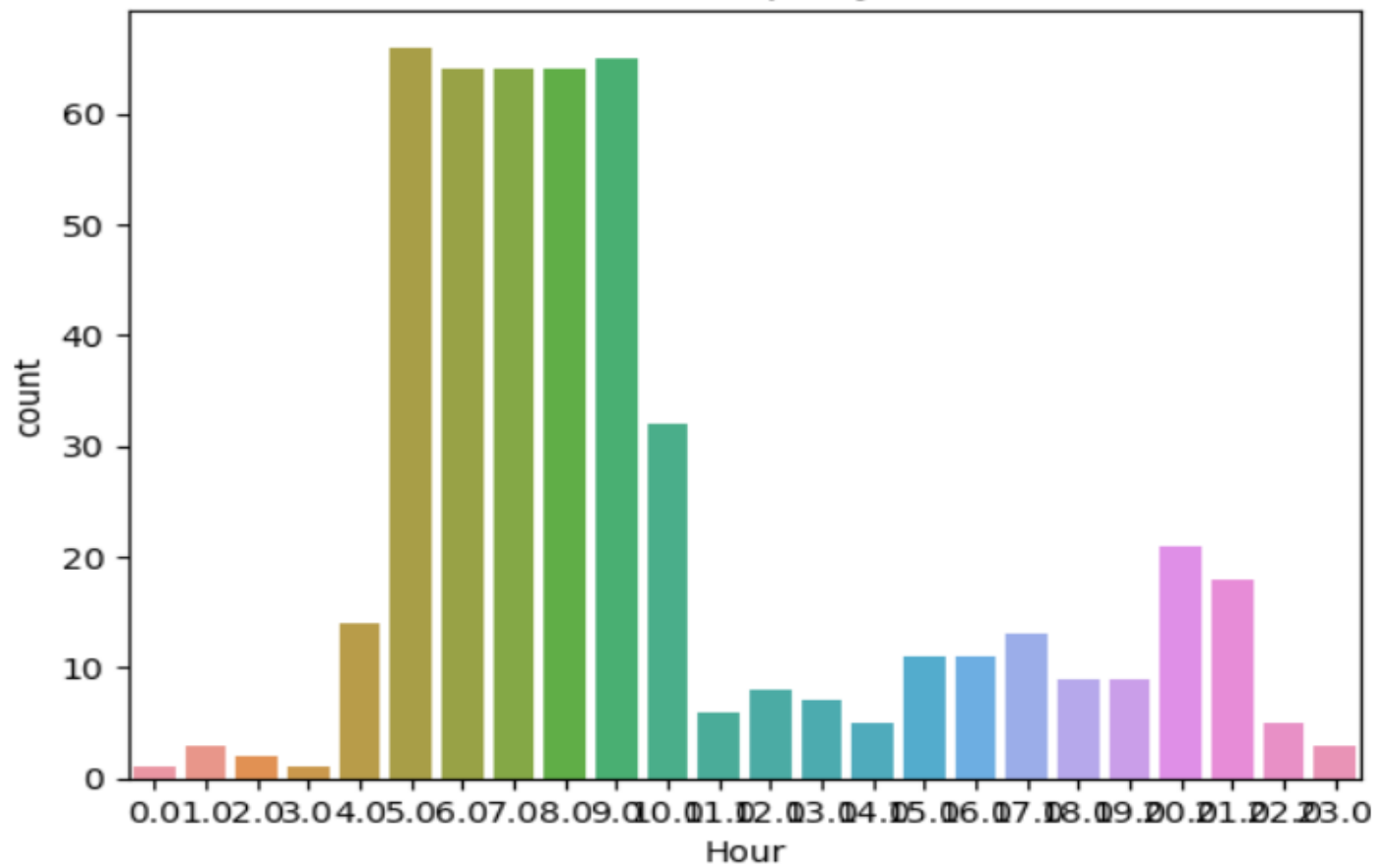

Top 10 Active Drivers

Completed Trips by Hour

Cancelled Trips by Hour

Trip Status by Hour